

BERLIN

International Shoulder Course

2020 | APRIL 16–18
BERLIN, GERMANY

Reconstructive Shoulder
Surgery in 2020 –
Where do we stand?

PROGRAM



Dear colleagues and friends,

On behalf of the scientific committee, it is a great pleasure to announce the Berlin International Shoulder Course (BISC) 2020.



Worldwide public and political interest has been turned on the assessment of quality of care and surgical outcome in shoulder surgery. It is time to reflect and ask ourselves what we really have achieved during the last decades using new technologies, sophisticated implants and so-called modern surgical techniques. What have been the true milestones of arthroscopic and open shoulder reconstructive procedures including rotator cuff repair, instability surgery, AC-joint reconstruction etc.?

A second focus of BISC 2020 will be the management of complications. With increasing numbers of primary interventions, revision surgery still represents an underestimated problem that is mainly solved in specialized centers. Diagnostic strategies and therapeutic options including salvage procedures will be presented during the meeting.

Another highlight will be a session that is called "Shoulder surgeons who underwent shoulder surgery!". Renowned shoulder surgeons will present their own shoulder pathology that they have suffered as patients and will provide insight into how it feels to be on „the other side of the curtain“.

Video demonstrations, live surgeries and mini-battles with international and national experts will complement the scientific lectures. Practical skills can be improved and enhanced in ultrasound and cadaver workshops.

The course will again take place in one of the most attractive locations in the heart of Berlin, between Kurfuerstendamm and Potsdamer Platz. The InterContinental Hotel Berlin reflects the dynamic of the German capital and unites tradition and modernity. Its outstanding meeting facilities guarantee professionalism in a familial atmosphere.

We are looking forward to welcoming you to the Berlin International Shoulder Course from April 16 – 18, 2020!


Prof. Dr. Markus Scheibel

TABLE OF CONTENTS



1	Welcome address
4	Information International Scientific Committee Local Organizing Committee Invited Special Guest Speakers Patronage
5	Faculty
8	Schedule
12	Scientific Program
12	Thursday, April 16, 2020
20	Friday, April 17, 2020
28	Saturday, April 18, 2020
34	Live Surgeries
35	Lunch Symposia
41	Ultrasound Workshop
41	Brunch Symposia
44	Sponsors and Exhibitors
46	Floor Plan
47	General Information
53	Registration



Scientific Coordinator

Markus Scheibel, Switzerland/Germany

International Scientific Committee

George S. Athwal, Canada
 Emilio Calvo, Spain
 Alessandro Castagna, Italy
 Bernhard Jost, Switzerland
 Philipp Moroder, Germany

Anthony A. Romeo, USA
 Markus Scheibel, Switzerland/Germany
 Hiroyuki Sugaya, Japan
 Philippe Valenti, France
 Gilles Walch, France

Local Organizing Committee

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 Elisabeth Böhm, Germany
 Victor Danzinger, Germany
 Christian Festbaum, Germany
 Jan-Philipp Imiolczyk, Germany
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 Lucca Lacheta, Germany
 Marios Loucas, Germany

Rafael Loucas, Germany
 Manije Massih, Germany
 Nina Maziak, Germany
 Marvin Minkus, Germany
 Paulina-Maria Peters, Germany
 Fabian Plachel, Germany
 Katja Rüttershoff, Germany
 Kathi Thiele, Germany

Invited Special Guest Speakers

Eiji Itoi, Japan

Jae Chul Yoo, South Korea

Patronage



Speakers



FACULTY

 Niels Hellmers 	 Ralph Hertel 	 Andreas B. Imhoff 
 Eiji Itoi 	 Bernhard Jost 	 Max Kääh 
 Maximilian Kerschbaum 	 Stephanie Kirschbaum 	 Jörn Kircher 
 Lucca Lacheta 	 Alexandre Lädermann 	 Laurent Lafosse 
 Thibault Lafosse 	 Helmut Lill 	 Marios Loucas 
 Rafael Loucas 	 Przemyslaw Lubiatowski 	 Manije Massih 
 Nina Maziak 	 Oleg Nikolaevich Milenin 	 Marvin Minkus 
 Christophe Monnin 	 Philipp Moroder 	 Peter Müller 
 Lionel Neyton 	 Michael J. O'Brien 	 Paolo Paladini 

FACULTY

 Gèza Pap 	 Bradford Parsons 	 Thilo Patzer 
 Paulina-Maria Peters 	 Dirk Petré 	 Patric Raiss 
 Falk Reuther 	 Anthony A. Romeo 	 Joaquin Sanchez-Sotelo 
 Markus Scheibel 	 Benedikt Schliemann 	 Cecilie Piene Schrøder 
 Hiroyuki Sugaya 	 Ettore Taverna 	 Kathi Thiele 
 Philippe Valenti 	 Olivier Verborgt 	 Gilles Walch 
 Jean-David Werthel 	 Karl Wieser 	 Barbara Wirth 
 Jae Chul Yoo 	 Matthias A. Zumstein 	

SCHEDULE – THURSDAY | APRIL 16, 2020

SCHEDULE – FRIDAY | APRIL 17, 2020

07:45 - 08:00	Registration
08:00 - 09:00	Welcome
09:00 - 10:00	Presentations State of the art in anterior shoulder instability – What have we achieved in 2020?
10:00 - 10:30	Live Surgery Arthroscopic anterior instability repair and remplissage for recurrent shoulder instability
10:30 - 11:00	Invited Special Guest Lecture Milestones in management of anterior shoulder instability
11:00 - 12:00	Coffee Break and Exhibition
12:00 - 13:00	Presentations State of the art and recent innovations in posterior shoulder instability
13:00 - 14:30	Live Surgery Arthroscopic Latarjet with ENDOBUTTON™ fixation
14:30 - 15:30	Lunch Break, Exhibition and Lunch Symposia
15:30 - 16:30	Interactive Mini Battles Non-operative vs. arthroscopic vs. open repair – Why is it still controversial?
16:30 - 17:00	Live Surgery Arthroscopic anatomical glenoid reconstruction
17:00 - 18:00	Coffee Break and Exhibition
18:00 - 19:00	Re-Live Surgical Video Techniques Innovative techniques for the treatment of anterior shoulder instability
from 19:00	Presentations Management of failed shoulder instability repair
	End of the First Day and Welcome Reception

07:00 - 08:00	Registration
08:00 - 09:00	Kick-Off Symposium
09:00 - 10:00	Presentations State of the art in rotator cuff reconstruction – What have we achieved in 2020?
10:00-10:30	Live Surgery Rotator cuff repair combined with REGENETEN™ bioinductive implant
10:30-11:30	Coffee Break and Exhibition
11:30-11:50	Presentations Innovations in arthroscopic rotator cuff repair – Implication for daily clinical practice
11:50-12:30	Invited Special Guest Lecture The subscapularis – Revival of a forgotten musculotendinous unit
12:30 - 14:00	Highlight Session Shoulder surgeons who underwent shoulder surgery – A personal perspective
14:00 - 15:00	Lunch Break, Exhibition and Lunch Symposia
15:00 - 16:00	Interactive Mini Battles Rotator cuff surgery – Open questions in 2020
16:00 - 16:30	Live Surgery Superior capsular reconstruction using long head of biceps tendon
16:30 - 18:00	Coffee Break and Exhibition
18:00 - 19:00	Re-Live Surgical Video Techniques Latest technologies in arthroscopic rotator cuff surgery
	Presentations Strategies for irreparable rotator cuff tears or failed previous surgery
	End of the Second Day

SCHEDULE – SATURDAY | APRIL 18, 2020

	Registration
07:00 - 08:00	Biceps Symposium
08:00 - 09:00	Presentations Management of AC-joint instability in 2020
09:00 - 10:00	Presentations Management of cartilage lesions in 2020
10:00 - 11:30	Coffee Break and Exhibition Ultrasound Workshop, Brunch Symposia
11:30 - 12:00	Presentations Management of nerve lesions in 2020
12:00 - 13:00	Presentations Management of scapulothoracic disorders in 2020
13:00 - 14:00	Coffee Break
14:00 - 17:00	Cadaver Workshop
	End of the Meeting



07:00 Registration

07:45-08:00

Welcome

ROOM PAVILLON

07:45 Why are we here?

Scheibel 

Session 1
08:00-09:00

Presentations

State of the art in anterior shoulder instability –
What have we achieved in 2020?

ROOM PAVILLON



Calvo  | Sugaya 

08:00 How I evaluate a patient with anterior shoulder instability in 2020?

Gerber 

08:10 What is the best and safest way to reduce a dislocated shoulder?

Werthel 

08:20 Bankart-Repairs in the 21st century –
How do results differ from the past?

Romeo 

08:30 Arthroscopic posterior remplissage –
Did this procedure stand the test of time?

Boileau 

08:40 Free bone block procedures – Where are we now?

Scheibel 

08:50 Past, present and future of coracoid transfer techniques

Valenti 

Live Surgery
09:00-10:00

Live Surgery

ROOM PAVILLON

Arthroscopic anterior instability repair and
remplissage for recurrent shoulder instability



Romeo 



Danzinger 



Castagna 

Session 2
10:00-10:30

Invited Special Guest Lecture

ROOM PAVILLON



Scheibel 

Milestones in management of anterior shoulder instability

Itoji 

10:30-11:00






Coffee Break and Exhibition

SOCIAL MEDIA AWARD

COMPETITION TIME!

Post a picture of **#BISC2020** and have the chance to win a free registration to the next Berlin International Shoulder Course.

Rules:

1. Post a picture during the congress on the following networks     
2. Use the hashtag **#BISC2020**
3. Collect as much likes and shares as possible!

The winner with the most likes under **#BISC2020** will be awarded Saturday at 10:00 a.m. in the Room Pavillon.

Session 3
11:00-12:00







Presentations

State of the art and recent innovations in posterior shoulder instability

ROOM PAVILLON



O'Brien  | Valenti 

- | | | |
|-------|--|---|
| 11:00 | ABC classification for posterior shoulder instability | Scheibel  |
| 11:10 | Acute first-time posterior subluxation/dislocation – How to manage? | Parsons  |
| 11:20 | Functional posterior shoulder instability – Is the pacemaker the solution? | Moroder  |
| 11:30 | Structural posterior shoulder instability – Which technique works best? | L. Lafosse  |
| 11:40 | Static posterior subluxation – Any chance to cure? | Walch  |
| 11:50 | Locked posterior dislocation – Humeral reconstruction is the way to go! | Gerber  |

Live Surgery
12:00-13:00

Live Surgery

Arthroscopic Latarjet with ENDOBUTTON™ fixation

ROOM PAVILLON



Athwal 



R. Loucas 



Boileau 

13:00-14:30

Lunch Break and Exhibition

More information see page 35

13:15-14:15

Lunch Symposia

Session 4
14:30-15:30

Interactive Mini-Battles

ROOM PAVILLON

Non-operative vs. arthroscopic vs. open repair – Why is it still controversial?



Itoi | Walch

14:30 Displaced anterior glenoid rim fractures

Conservative treatment works best!

Gerber

Arthroscopic reconstruction is the way to go!

Sugaya

I still do it open and I won't change!

Lill



Discussion and vote

14:50 Displaced greater tuberosity fractures

Non-operative management is the safest way and provides fastest recovery!

Schliemann

An open approach works best for me!

Parsons

Arthroscopic reduction and fixation gives the best results!

Greiner



Discussion and vote

15:10 HAGL lesions

Latarjet is the way to go!

Walch

I fix them arthroscopically!

O'Brien

Only an open repair restores the anatomy!

Hertel



Discussion and vote

Live Surgery
15:30-16:30

Live Surgery

ROOM PAVILLON

Arthroscopic anatomical glenoid reconstruction



Jost



Massih



Scheibel

16:30-17:00

Coffee Break and Exhibition

Session 5
17:00-18:00

Re-Live Surgical Technique Videos

ROOM PAVILLON

Innovative techniques for the treatment of anterior shoulder instability



Castagna | Hertel

17:00 Capsular retensioning – The reason why I rarely do bony augmentations

Sugaya

17:08 Arthroscopic HAGL-Repair

Raiss

17:16 Bankart-Plus procedure – A new approach for minor glenoid bone loss

Moroder

17:24 Dynamic anterior stabilization using the LHB for anterior instability

Collin

17:32 Antero-inferior glenohumeral ligament reconstruction using a palmaris longus autograft

Zumstein

17:40 Arthroscopic glenoid fracture treatment using a button fixation technique

Patzer

17:48 Multifragmented glenoid fracture treatment using osteochondral darts and knotless anchors

Minkus

17:56 Open Latarjet – The most viewed video on VuMedi

Walch

Session 6
18:00-19:00

Presentations

Management of failed shoulder instability repair

ROOM PAVILLON



Boileau  | **Scheibel** 

- 18:00 On- and off-track calculation for failed Bankart-Repairs
- 18:10 Revision after open Latarjet – Techniques and results
- 18:20 Revision after arthroscopic Latarjet – What is different compared to open Latarjet?
- 18:30 Complications after iliac crest bone grafting
- 18:40 Failed posterior instability repair – What is next?
- 18:50 My worst complications after instability repair and how did I manage them?

Calvo 

Paladini 

Athwal 

Moroder 

Romeo 

L. Lafosse 

19:00

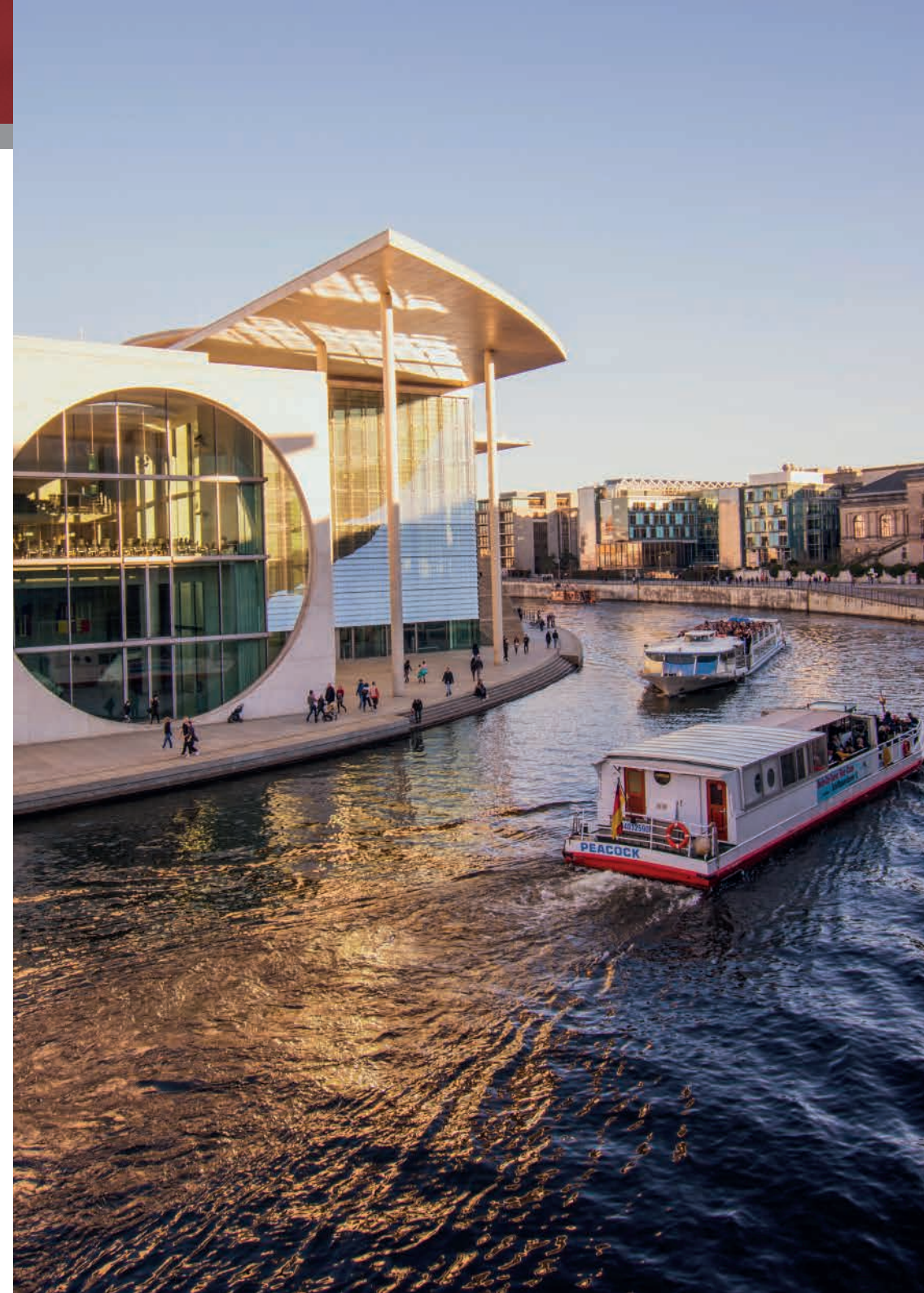
End of the First Day

from 19:00

Welcome Reception in the Exhibition Area



Take part in the Berlin quiz and have the chance to win an iPad, an Apple Watch and AirPods



Early Bird
07:00-08:00

Kick-Off Symposium

The Shoulder Pacemaker

ROOM BELLEVUE



Moroder

- 07:00 Modern arthroscopic treatment of structural posterior shoulder instability
- 07:20 Functional posterior shoulder instability – The shoulder out of rhythm
- 07:40 The Shoulder Pacemaker therapy for functional posterior shoulder instability

Castagna

Scheibel

Moroder

Session 1
08:00-09:00

Presentations

State of the art in rotator cuff reconstruction – What have we achieved in 2020?

ROOM PAVILLON



Gerber | **Verborgt**

- 08:00 Rotator cuff anatomy – What is new and important for daily practice?
- 08:10 My best indications for rotator cuff reconstruction
- 08:20 Long-term results of arthroscopic rotator cuff repair – Goal achieved?
- 08:30 Tendon transfers for irreparable tears – What works and what doesn't?
- 08:40 Balloon versus SCR – A biomechanical comparison
- 08:50 Reverse shoulder arthroplasty for cuff tear arthropathy in 2020

Sugaya

Jost

Collin

Elhassan

Athwal

Castagna

Live Surgery
09:00-10:00

Live Surgery

Rotator cuff repair combined with REGENETEN™ bioinductive implant

ROOM PAVILLON



Valenti



M. Loucas



O'Brien

10:00-10:30

Coffee Break and Exhibition

10:00

Faculty Photo



All the speakers are invited to take a group photo meeting point on stage of the room Pavillon

ROOM PAVILLON

Session 2
10:30-11:30

Presentations

Innovations in arthroscopic rotator cuff repair – Implication for daily clinical practice

ROOM PAVILLON



Elhassan | **Lädemann**

- 10:30 Arthroscopic rotator cuff repair – Which technique should we use today? *Brunner*
- 10:40 Acute massive rotator cuff tears and pseudoparesis *Jost*
- 10:50 Patches – Rational techniques and results in 2020 *Romeo*
- 11:00 Biological considerations – Present and future *Zumstein*
- 11:10 Long head of biceps tendon for superior capsular reconstruction *Barth*
- 11:20 Tendon transfer for massive rotator cuff tears – With or without partial repair of the rotator cuff? *Valenti*

Session 3
11:30-11:50

Invited Special Guest Lecture



Scheibel

ROOM PAVILLON

The subscapularis –
Revival of a forgotten musculotendinous unit

Yoo

Session 4
11:50-12:30

Highlight Session

Shoulder surgeons who underwent shoulder surgery –
A personal perspective

ROOM PAVILLON



Scheibel



Agneskirchner | Boileau | Castagna | Gerber |
Habermeyer | L. Lafosse | Zumstein

12:30-14:00

Lunch Break and Exhibition

More information see page 37

12:45-13:45

Lunch Symposia

Session 5
14:00-15:00

Interactive Mini-Battles

ROOM PAVILLON

Rotator cuff surgery – Open questions in 2020



Paladini | Parsons

14:00 Acromion morphology and critical shoulder angle

Malfunction follows form - Omometry matters!

I don't care about bony anatomy in cuff repairs!

Bouaicha

Lädermann



Discussion and vote

14:15 Biologic augmentation for rotator cuff repairs

Nothing has worked so far!

There are ways to enhance healing of the cuff!

Verborgt

Lubiatowski



Discussion and vote

14:30 Upper third subscapularis tears

No need to repair!

Reconstruction provides better results!

Wirth

Agneskirchner



Discussion and vote

14:45 Immobilization after rotator cuff reconstruction

Is not needed!

Is mandatory!

Lädermann

Akgün



Discussion and vote

Live Surgery
15:00-16:00

Live Surgery

ROOM PAVILLON

Superior capsular reconstruction
using long head of biceps tendon



L. Lafosse



Peters



Boutsiadis

16:00-16:30

Coffee Break and Exhibition

Session 6
16:30-18:00

Re-Live Surgical Technique Videos

ROOM PAVILLON

Latest technologies in arthroscopic
rotator cuff surgery



Demirhan | Neyton

16:30 PASTA-Repair – An accurate and atraumatic technique

Reuther

16:38 Transosseus rotator cuff repair – Back to the future?

Castagna

16:46 Arthroscopic knotless cuff repair –
The Montgolfier procedure

Neyton

16:54 Arthroscopic repair of delaminated rotator cuff tears

Barco

17:02 Arthroscopic double-row subscapularis repair

Thiele

17:10 Arthroscopic rotator cuff repair using bursal augmentation

Freisleder

17:18 Superior capsular reconstruction –
What do we know about healing?

Scheibel

17:26 Superior capsular reconstruction using
autologous tendon grafts

Kircher

- 17:34 Massive rotator cuff tears with partial repair and subacromial balloon – Is this reasonable? *Antuña* 🇪🇸
- 17:42 Arthroscopically-assisted latissimus dorsi transfer *Wieser* 🇨🇭
- 17:50 Lower trapezius transfer for external rotation deficits *Elhassan* 🇺🇸

Session 7
18:00-19:00

Presentations

Strategies for irreparable rotator cuff tears or failed previous surgery

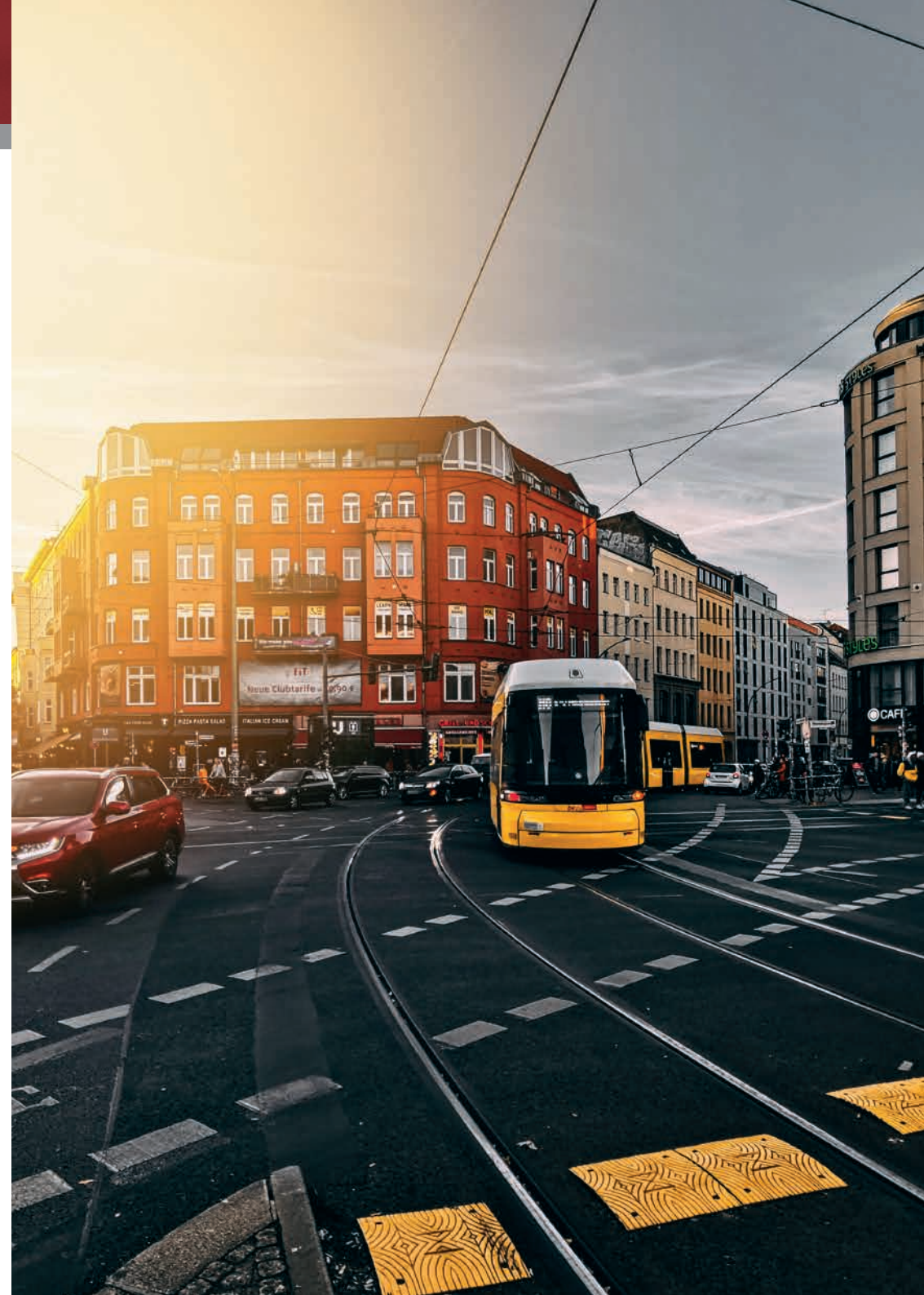
ROOM PAVILLON



Collin 🇫🇷 | **Lubiatowski** 🇵🇱

- 18:00 Arthroscopic revision using dermal allografts *Paladini* 🇮🇹
- 18:10 Arthroscopic Trillat procedure for massive rotator cuff tears *Neyton* 🇫🇷
- 18:20 Latissimus dorsi transfer for failed primary cuff repairs *Gerber* 🇨🇭
- 18:30 Results of reverse arthroplasty for failed cuff repair *Boileau* 🇫🇷
- 18:40 Reverse arthroplasty for failed tendon transfers – What is different? *Sanchez-Sotelo* 🇺🇸
- 18:50 My worst complications after rotator cuff repair and how did I manage them? *Valenti* 🇫🇷

19:00 **End of the Second Day**



Early Bird
07:00-08:00

Biceps Symposium

Management of biceps tendon pathologies in 2020

ROOM BELLEVUE



Barco | **Barth**

- | | | |
|-------|---|-------------------|
| 07:00 | Biceps pathologies – Which challenges do we face in 2020? | <i>Yoo</i> |
| 07:10 | SLAP lesions in young athletes – Always preserve? | <i>Lacheta</i> |
| 07:20 | Efficacy of labral repair, biceps tenodesis or sham surgery in SLAP II lesions – Facts of a randomized controlled trial | <i>Schrøder</i> |
| 07:30 | Arthroscopic suprapectoral biceps tenodesis – Keep it simple | <i>Patzer</i> |
| 07:40 | Implant free biceps loop tenodesis – The best of two worlds | <i>Kerschbaum</i> |
| 07:50 | All-arthroscopic proximal subpectoral biceps tenodesis – The true pain reliever | <i>Milenin</i> |

Session 1
08:00-09:00

Presentations

Management of AC-joint instability in 2020

ROOM PAVILLON



Brunner | **Zumstein**

- | | | |
|-------|--|------------------|
| 08:00 | Modern classification systems and diagnostic tools for AC-joint separations | <i>Calvo</i> |
| 08:10 | Prognostic factors for acute AC-joint repair | <i>Maziak</i> |
| 08:20 | Latest innovations for arthroscopic AC-joint reconstruction | <i>Scheibel</i> |
| 08:30 | Do chronic repairs lead to less favorable outcomes? | <i>Lädemann</i> |
| 08:40 | Return to sports after AC-joint reconstruction | <i>Glanzmann</i> |
| 08:50 | My worst complications after arthroscopic AC-joint reconstruction and how did I manage them? | <i>Imhoff</i> |

Session 2
09:00-10:00

Presentations

Management of cartilage lesions in 2020

ROOM PAVILLON



Agneskirchner | **Wieser**

- | | | |
|-------|---|--------------------|
| 09:00 | Bone marrow stimulation techniques – What works, what doesn't? | <i>Lubiatowski</i> |
| 09:10 | Osteochondral transplantation – Still an option in 2020? | <i>Habermeyer</i> |
| 09:20 | Autologous chondrocyte transplantation for isolated humeral lesions | <i>Böhm</i> |
| 09:30 | Arthroscopic glenoid resurfacing | <i>O'Brien</i> |
| 09:40 | Metallic reconstruction of the humeral head | <i>Anderl</i> |
| 09:50 | Glenoid resurfacing and hemiarthroplasty – What have I learned? | <i>Burkhead</i> |

10:00-11:30

Coffee Break and Exhibition

More information see page 41

10:15 - 11:15

Ultrasound Workshop and Brunch Symposia

Session 3
11:30-12:00




Presentations

ROOM PAVILLON

Management of nerve lesions in 2020



Imhoff  | **Sanchez-Sotelo** 

- | | | |
|-------|---|---|
| 11:30 | Decompression of the suprascapular nerve in 2020 | <i>L. Lafosse</i>  |
| 11:40 | Arthroscopic brachial plexus release – My indication, my technique, my results | <i>T. Lafosse</i>  |
| 11:50 | Release and tendon transfer in the obstetrical brachial plexus paralysis sequelae | <i>Demirhan</i>  |

Session 4
12:00-13:00







Presentations

ROOM PAVILLON

Management of scapulothoracic disorders in 2020



Anderl  | **Moroder** 

- | | | |
|-------|--|---|
| 12:00 | Clinical evaluation of the scapulothoracic joint | <i>Elhassan</i>  |
| 12:10 | Scapulothoracic pathologies – An overview | <i>Athwal</i>  |
| 12:20 | Snapping scapular syndrome | <i>Werthel</i>  |
| 12:30 | Pectoralis minor syndrome | <i>Sanchez-Sotelo</i>  |
| 12:40 | Tendon transfers around the scapula | <i>Elhassan</i>  |
| 12:50 | Scapulothoracic fusion – My indication, my technique, my results | <i>Demirhan</i>  |

13:00

Farewell



Scheibel 

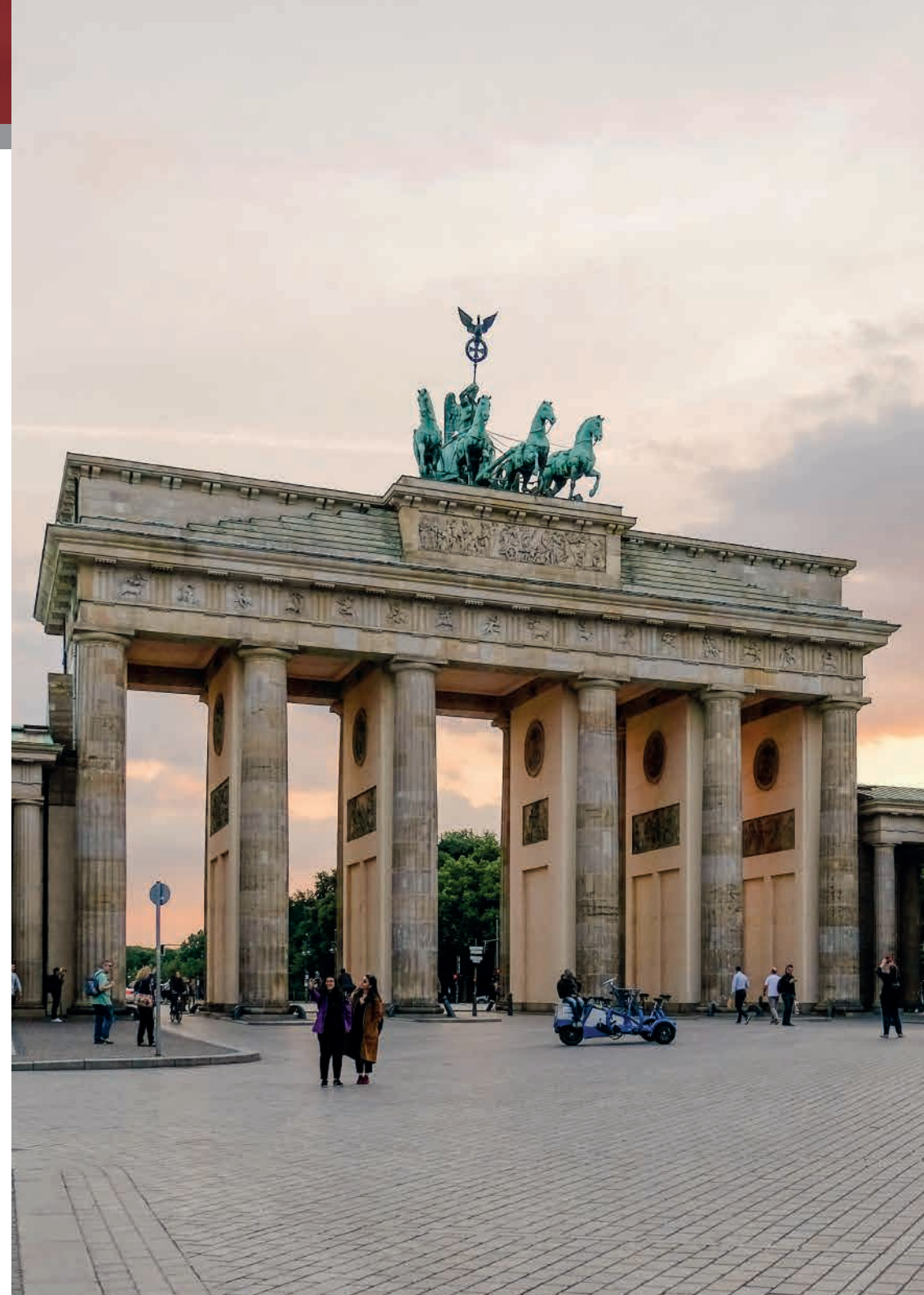
13:00 - 14:00 Coffee Break

13:30 - 14:00 Transfer to the Department of Anatomy

14:00 - 17:00 Cadaver Workshop

More information see page 44

17:00 End of the Meeting



Live Surgeries

Thursday | April 16, 2020

Arthroscopic anterior instability repair and remplissage for recurrent shoulder instability

April 16, 2020, 09:00-10:00, Room Pavillon



Castagna

Arthroscopic Latarjet with ENDOBUTTON™ fixation

April 16, 2020, 12:00-13:00, Room Pavillon



Boileau

Arthroscopic anatomical glenoid reconstruction

April 16, 2020, 15:30-16:30, Room Pavillon



Scheibel

Friday | April 17, 2020

Rotator cuff repair combined with REGENETEN™ bioinductive implant

April 17, 2020, 09:00-10:00, Room Pavillon



O'Brien

Superior capsular reconstruction using long head of biceps tendon

April 17, 2020, 15:00-16:00, Room Pavillon



Boutsiadis

Lunch Symposia

Thursday | April 16, 2020

LS 1 Virtual implant positioning™ April 16, 2020, 13:15-14:15, Room Bellevue



Parsons

Why I use pre-operative planning?

Romeo

Do different programs produce the same results and why VIP is different?

Parsons

First european experiences using VIP

Petré

LS 2 Mini-battle on advanced stabilization procedures April 16, 2020, 13:15-14:15, Room Tegel



Calvo

Arthroscopic bony Bankart

Sugaya

Arthroscopic bone block with ENDOBUTTON™ fixation

Taverna

Arthroscopic Latarjet – ENDOBUTTON™ fixation is a safe and reliable alternative to screw fixation

Boileau

LS 3 From arthroscopy to arthroplasty April 16, 2020, 13:15-14:15, Room Köpenick



Gerber | **Kircher** | **Verborgt**

LS 4 Stem convertibility and augmented reversed glenoid – What you must know
 April 16, 2020, 13:15-14:15, Room Tiergarten



Scheibel

Short convertible stem –
 Tips and tricks to succeed

Collin

Augmented reversed glenoid –
 Experience and clinical results

Scheibel

LS 5 Medacta Shoulder System – Tailored platform for individual patient needs
 April 16, 2020, 13:15-14:15, Room Charlottenburg I



Jost

Design rationale and early clinical results

Hertel

MyShoulder – Planning and PSI

Müller

MyShoulder –
 Customized autologous glenoid reconstruction

Monnin

Biomechanics of RTSA –
 Best position and implant design

Zumstein

Discussion and conclusions

Jost

Kick-Off Symposium

Friday | April 17, 2020

EBS 1 Kick-Off Symposium – The Shoulder Pacemaker
 April 17, 2020, 07:00-08:00, Room Bellevue



Moroder

Modern arthroscopic treatment of structural posterior shoulder instability

Castagna

Functional posterior shoulder instability –
 The shoulder out of rhythm

Scheibel

The Shoulder Pacemaker therapy for functional posterior shoulder instability

Moroder

Lunch Symposia

Friday | April 17, 2020

LS 6 Bone loss instructional course
 April 17, 2020, 12:45-13:45, Room Bellevue



Romeo

Tips and lessons learned for dynamic anterior stabilization

Lädemann

What's critical glenoid bone loss in shoulder instability?

Moroder

New iliac crest concept avoiding the use of screws and buttons

Hachem

LS 7 Shoulder injuries in high-level athletes

April 17, 2020, 12:45-13:45, Room Tiergarten



Scheibel 

Special aspects of the overhead athlete shoulder

Wieser 

Treatment of shoulder instability in high-level athletes – Is it any different?

Verborgt 

Shoulder injuries in gymnasts – The german experience

Scheibel 

Shoulder injuries in gymnasts – The french experience

Boileau 

LS 8 Surgical solutions for massive cuff tears

April 17, 2020, 12:45-13:45, Room Köpenick



Kircher 

LS 9 3D pre-operative planning solution: Blueprint – Present and future

April 17, 2020, 12:45-13:45, Room Tegel



Walch 

Golden rules to plan reversed and anatomic arthroplasties

Walch 

What is the future?

Athwal 



LS 10 Contemporary options for managing massive cuff tears – The continuum of care

April 17, 2020, 12:45-13:45, Room Charlottenburg I



Sanchez-Sotelo

InSpace Balloon for management of massive rotator cuff tears

Agneskirchner

Contemporary reverse shoulder arthroplasty – How to optimize outcomes in 2020

Sanchez-Sotelo

LS 11 Technological advancements in shoulder arthroplasty – The future is now

April 17, 2020, 12:45-13:45, Room Kaminzimmer



Antuña

Strength in numbers – Leveraging Equinox clinical data

Antuña

Evolution of pre-operative planning

Yoo

GPS System – Are you planning but not navigating?

Barco

How Exactech GPS has changed my practice

Drumm

Biceps Symposium

Saturday | April 18, 2020

EBS 2 Management of biceps tendon pathologies in 2020

April 18, 2020, 07:00-08:00, Room Bellevue



Barco | **Barth**

Ultrasound Workshop

Saturday | April 18, 2020

UW 1

Ultrasound Workshop

April 18, 2020, 10:15-11:15, Room Bellevue



Kirschbaum | **Thiele**

Brunch Symposia

Saturday | April 18, 2020

BS 1

First-time shoulder dislocation – Current concepts

April 18, 2020, 10:15-11:15, Room Tegel



Itoi | **Scheibel**

First-time shoulder dislocation – Background and results of non-operative management

Itoi

Immobilization in abduction and external rotation vs. arthroscopic stabilization for first-time dislocation

Minkus

Glenoid fractures and anterior shoulder dislocation – Non-operative vs. surgical management

Scheibel

Live Demonstration: Ultrasling-Quadrant – A new way to immobilize the shoulder

Massih



BS 2 Affinis Inverse – Evolution vs. revolution

April 18, 2020, 10:15-11:15, Room Tiergarten



Reuther 

Affinis Inverse –
Adressing the challenges of the Grammont design

Pap 

Affinis Inverse –
Clinical outcome based on complications

Käab 

Fracture Inverse – Are there clinical advantages?

Reuther 

BS 3 Special cases – Need for special techniques and special implants

April 18, 2020, 10:15-11:15, Room Köpenick



Fandridis 

Total shoulder arthroplasty – Past, present and future

Burkhead 

Glenoid bone loss in shoulder arthroplasty –
What to do?

Hellmers 

Treatment of glenohumeral arthrosis with irreparable
cuff tear

Fandridis 

Custom implants

N.N.

Cadaver
Workshop

Saturday | April 18, 2020

Cadaver Workshop

April 18, 2020, 14:00-17:00, Department of Anatomy Charité

Hachem  | Lädermann  | Moroder 

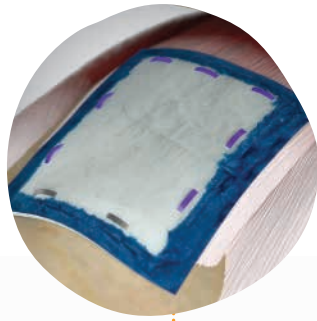
Glanzmann  | Wieser 

N.N.

Brunner  | Calvo 



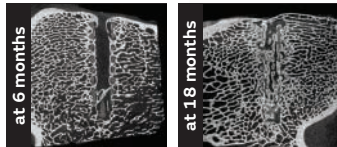
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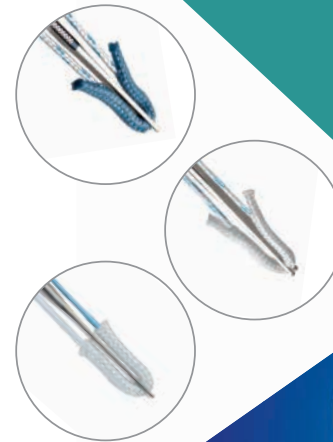
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References 1. Data on file at Smith+Nephew, report 15000897, 2012. 2. Data on file at Smith+Nephew, report NCS248 (18 month interim report), 2014. *In vivo animal testing. Data based on micro CT.

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**Special aspects of the overhead
athletes shoulder**

PD Dr. Karl Wieser

**Treatment of shoulder instability in
high-level athletes: Is it any different?**

Prof. Dr. Olivier Verborgt

**Shoulder injuries in gymnasts –
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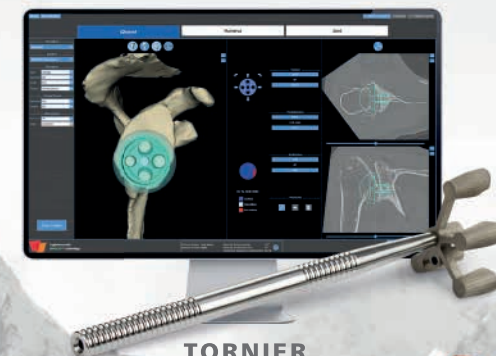
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

1Data on file.
2Aequalis Ascend™ Flex Humeral Stem Outcomes @ 2y Follow-up, Interim
Post-Market Clinical Report with data issued from the Shoulder Outcomes
"SHOUT" study.

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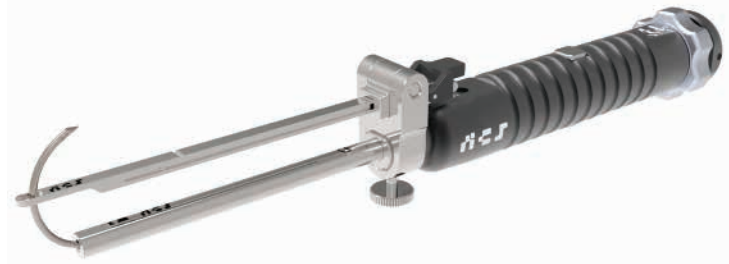
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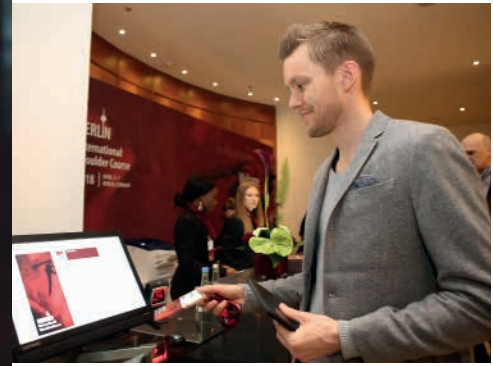


NCS develops, manufactures and markets innovative medical devices for healthcare, primarily focused on orthopaedics and sport medicine.

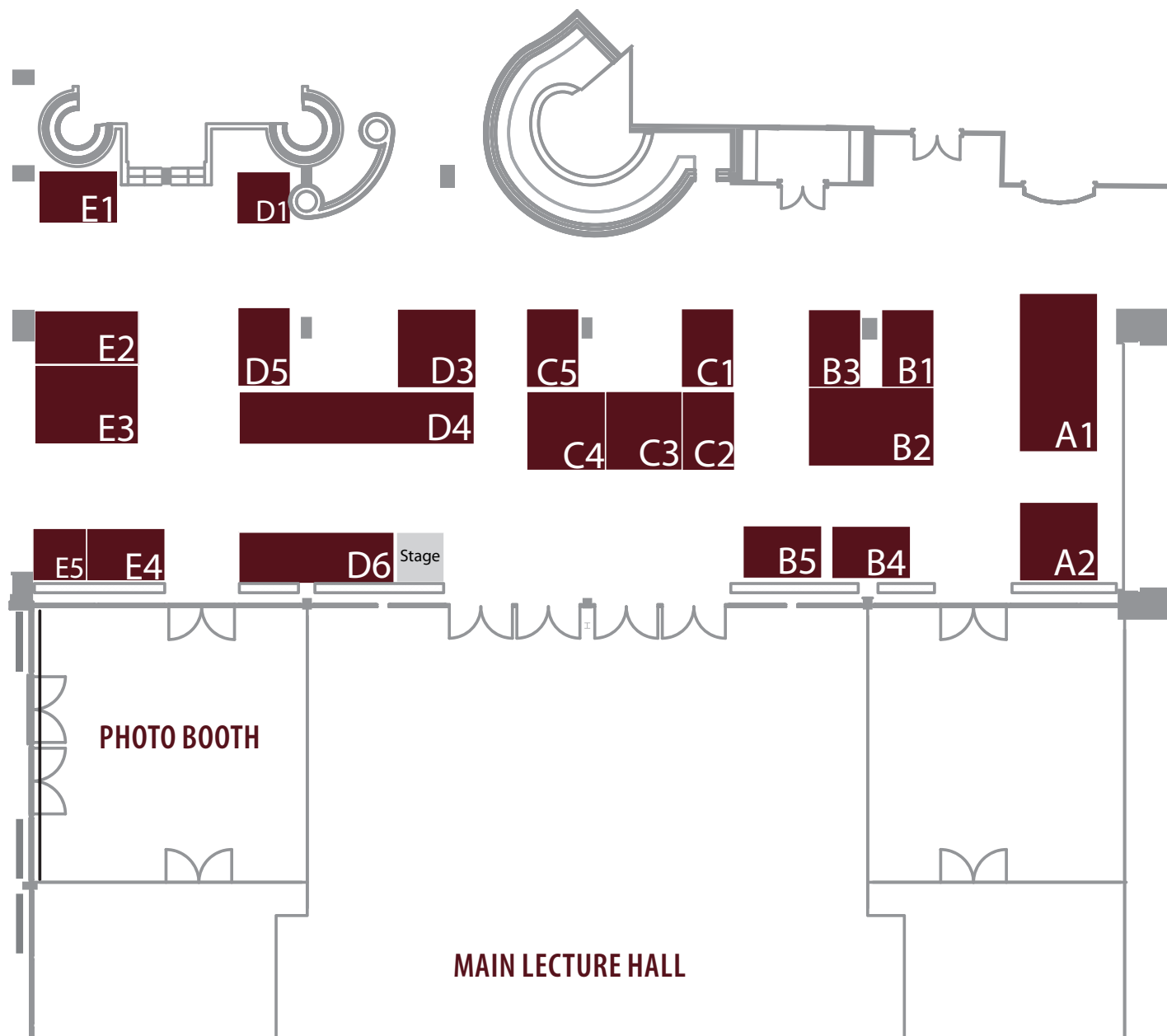
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BOOTH PLAN



- A1** Arthrex GmbH
- A2** Medacta International SA
- B1** mediCAD Hectec GmbH
- B2** Tornier SA
- B3** Innomed-Europe GmbH
- B4** Lima Corporate
- B5** KARL STORZ SE & Co. KG
- C1** FX Solutions
- C2** Synthes GmbH
- C3** NCS Lab SRL
- C4** Exactech International Operation AG
- C5** implantcast GmbH
- D1** DIZG Deutsches Institut für Zell- und Gewerbeersatz gGmbH
- D3** Stryker European Ops Ltd.
- D4** Smith and Nephew Orthopaedics AG
- D5** medi GmbH & Co. KG
- D6** Conmed Europe bv
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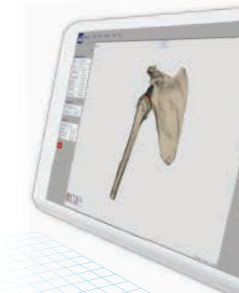
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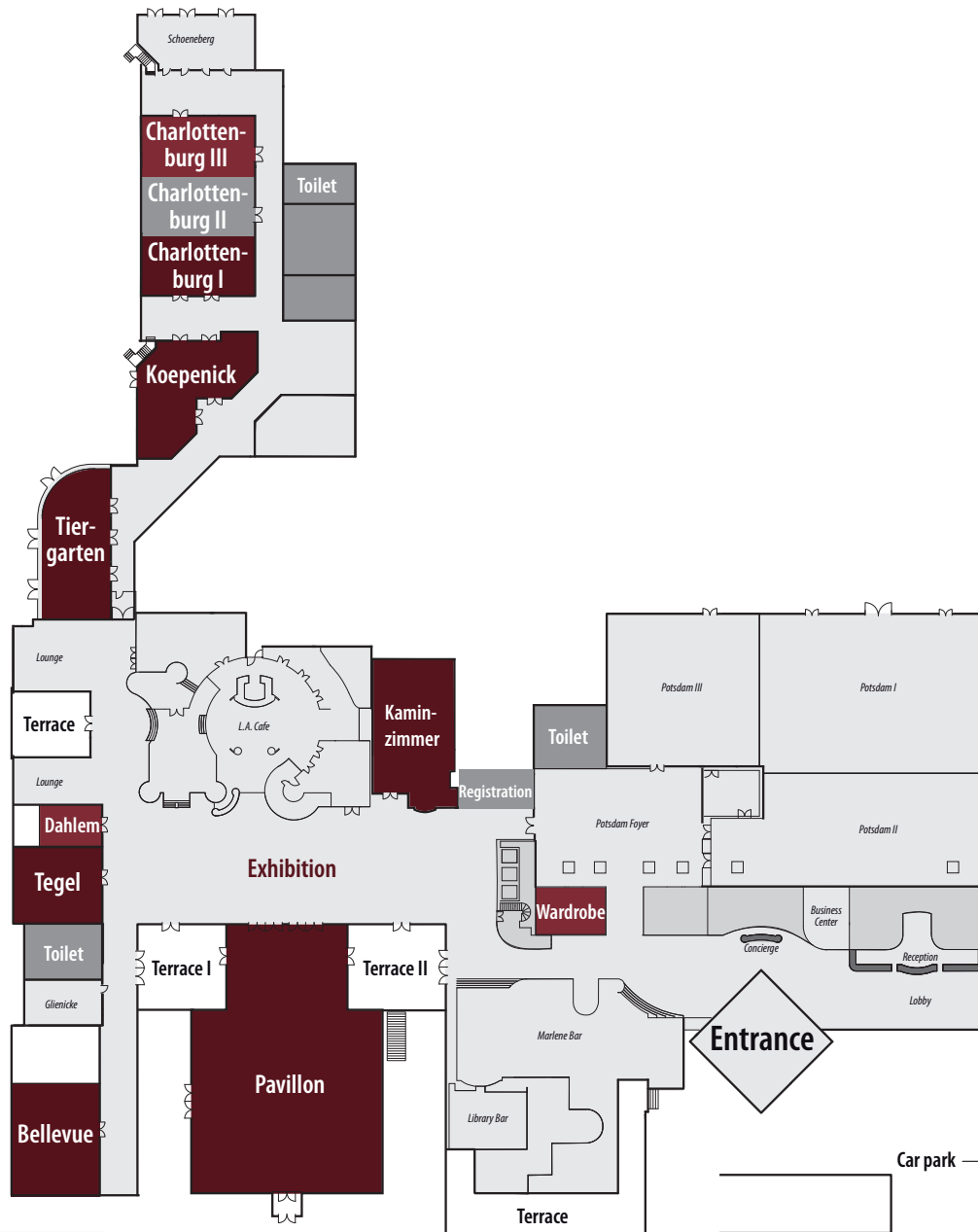
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Meeting Dates

April 16 – 18, 2020

Venue

InterContinental Hotel Berlin | Budapester Strasse 2 | 10787 Berlin | Germany

Official Language

English, simultaneous translation will not be provided

Scientific Coordinator

Prof. Dr. Markus Scheibel
Schulthess Clinic Zurich, Switzerland
Charité – Universitaetsmedizin Berlin, Germany

Organizer and Registration

Congress Compact 2C GmbH
Julie-Amandine Lamotte, Gina Braun
Joachimsthaler Strasse 10 | 10719 Berlin | Germany
Phone +49 30 88727370 | Fax +49 30 887273710
E-Mail info@berlin-shoulder-course.com



On-Site Registration and Badge Pick-up

Badge pick-up is scheduled to open on Wednesday, April 15, 2020 afternoon. Participants will be able to pay for their on-site registration in Euro by cash, EC card or by credit card (American Express, MasterCard and Visa). Registration will be open every day at the InterContinental Hotel Berlin during the following hours:

Wednesday, April 15, 2020	17:00-22:00
Thursday, April 16, 2020 Friday, April 17, 2020	07:00-19:00
Saturday, April 18, 2020	08:00-14:00

Exhibition Area

Participants must be registered for the meeting in order to access to the exhibition area. A complete listing and booth plan of all exhibitors will be included in the final program. The exhibition area will be open as follow:

Thursday, April 16, 2020 Friday, April 17, 2020	07:00-19:00
Saturday, April 18, 2020	08:00-14:00

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WiFi Service

Free WiFi access will be available to the participants in all meeting rooms and public areas, including the exhibition area.

Speakers Ready Room

Please bring a copy of your presentation to the speakers ready room a minimum of 2 hours in advance of your presentation. The Speakers ready room is located at Room Dahlem and will be open as follow:

Wednesday, April 15, 2020

17:00-22:00

Thursday, April 16, 2020

07:00-19:00

Friday, April 17, 2020

07:00-19:00

Saturday, April 18, 2020

07:00-13:00

Ethical Medtech Evaluation

The Berlin International Shoulder Course has been evaluated and approved to be **COMPLIANT** in all categories. Please find details on the Ethical Medtech Website:

www.ethicalmedtech.eu/med-tech-apps/cvs/view-event/EMT17214

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GENERAL INFORMATION

Participation Fees

	until January 6, 2020	afterwards
Participation Fee	600 €*	700 €*
Cadaver Workshop	400 €*	500 €*
Ultrasound Workshop	50 €*	100 €*

* All prices plus 19% tax.

Participants from Eastern Europe will get a reduction of 20% of the registration fees. Workshops are only bookable in combination with a congress ticket.

Accommodation

	Single	Double/Twin
Room per night incl. breakfast	165 €	190 €

You can book your room directly online at:

www.berlin-shoulder-course.com/hotel or call +49 30 26020 under the keyword „Berlin International Shoulder Course“.

Access

Airport Berlin Tegel	11 km
Airport Berlin Schoenefeld	20 km
Main train station "Hauptbahnhof"	3 km
Train station "Zoologischer Garten"	1,5 km



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<input checked="" type="checkbox"/> Participation Fee	600 €*	700 €*
<input type="checkbox"/> Cadaver Workshop	400 €*	500 €*
<input type="checkbox"/> Ultrasound Workshop	50 €*	100 €*

- I have read the terms of cancellation and accept them.
- Please keep me informed by E-Mail about future events (newsletter).

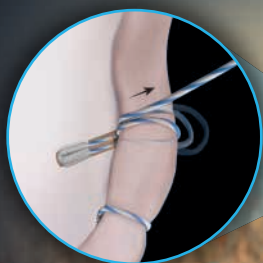
* All prices plus 19% tax.
Participants from Eastern Europe will get a reduction of 20% of the registration fees.

Terms of cancellation

By a cancellation until January 6, 2020, a cancellation fee of 50 € will be retained. Until March 12, 2020, 50% of the total amount will be refunded. After that date or in case of no-show without cancellation, 100% will be charged. Cancellations require written form.

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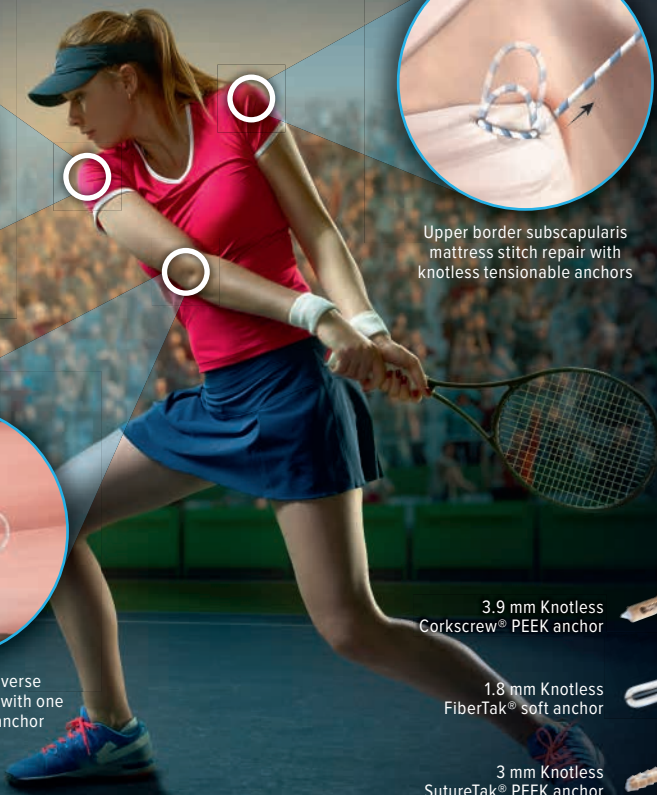
Bankart instability simple stitch repair with Knotless FiberTak® anchors



Upper border subscapularis mattress stitch repair with knotless tensionable anchors



Lateral epicondylar reverse figure-eight stitch repair with one knotless tensionable anchor

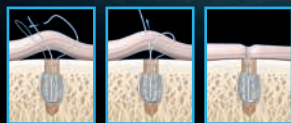


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Reference

¹ Arthrex, Inc. CC1-00014-EN_B. Naples, FL; 2016.

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